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(54) Vascular graft

Blutgefäßtransplantat
Grosse vasculaire

(84) Designated Contracting States:
DE FR

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(56) References cited:

EP-A- 0 508 473	EP-A- 0 540 290
EP-A- 0 556 850	EP-A- 0 596 145
EP-A- 0 621 016	WO-A-93/13825
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EUROPEAN PATENT APPLICATION

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④ Apparatus for endoluminal graft placement

⑤ A vascular graft comprises a perforate tubular compressible frame having a fabric liner disposed over at least a portion of the frames lumen. The graft may be used in combination with a base structure to form a bifurcated graft *in situ*. The base structure comprises a compressible frame having a fabric liner which defines a pair of divergent legs. The base

structure is positioned within the aorta so that one leg enters each iliac. The tubular grafts can then be introduced into each leg to form the bifurcated structure. A graft delivery catheter includes a controllably flared sheath which facilitates recapture of a partially deployed graft.

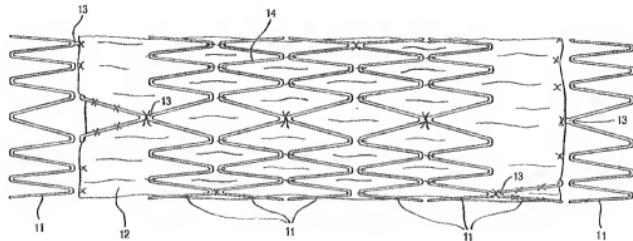


FIG. 1